Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Ballona Creek

Beneficial Uses[j]: MUN, REC1, REC2, WARM, WILD

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Miscellaneous Constituents											
Cyanide	0.01	mg/l	0.004[a]	0.2		0.0052	4	3	25	1	25
TPH	5.00	mg/l					4	0	100		
Oil and Grease	5.00	mg/l	75[a]				4	0	100	0	0
Total Phenols	0.10	mg/l					4	4	0		
Indicator Bacteria											
Total Coliform	20.00	MPN/100ml	10,000		10,000 (Instantaneous)		4	0	100	4	100
Fecal Coliform	20.00	MPN/100ml	400[l]	200	400 (Instantaneous)		4	0	100	4	100
Ratio Fecal Coliform/Total Coliform					Total coliform density 1,000 if the ratio of fecal-to-total coliform exceeds 0.1		4	0	100	2	50
Fecal Streptococcus	20.00	MPN/100ml					4	0	100		
Fecal Enterococcus		MPN/100ml			104		4	0	100	4	100
General Minerals											
Ammonia	0.10	mg/l	2.4[a]	f(pH, temp)[i,k]			6	0	100	6	100
Calcium	1.00	mg/l					6	0	100		
Magnesium	1.00	mg/l					6	0	100		
Potassium	1.00	mg/l					6	0	100		
Sodium	1.00	mg/l					6	0	100		
Bicarbonate	2.00	mg/l					6	0	100		
Carbonate	2.00	mg/l					6	6	0		
Chloride	2.00	mg/l					6	0	100		
Fluoride	0.10	mg/l		f(temp)[i]			6	0	100	0	0
Nitrate	0.10	mg/l					6	0	100		
Sulfate	0.10	mg/l					6	0	100		
Alkalinity	2.00	mg/l					6	0	100		
Hardness	2.00	mg/l					6	0	100		
COD	20-900	mg/l					6	0	100		
pH	0-14			<6.5 & >8.5			6	0	100	0	0
Specific Conductance	1.00	umhos/cm					6	0	100		
Total Dissolved Solids	2.00	mg/l					6	0	100		
Turbidity	0.10	NTU	225[a]				6	0	100	0	0
Total Suspended Solids	2.00	mg/l					6	0	100		
Volatile Suspended Solids	2.00	mg/l/hr					6	0	100		
MBAS	0.50	mg/l		0.5			6	0	100	0	0
Total Organic Carbon	1.00	mg/l					6	0	100		
BOD	2.00	mg/l					6	0	100		
Nutrients											
Dissolved Phosphorus	0.05	mg/l					6	0	100		
Total Phosphorus	0.05	mg/l					6	0	100		
NH3-N	0.10	mg/l					6	0	100		
Nitrate-N	0.10	mg/l		10 and also must not exceed 10 when added to Nitrite-N			6	0	100	0	0
Nitrite-N	0.10	mg/l		1 and also must not exceed 10 when added to Nitrate-N			6	0	100	0	0
TKN	0.10	mg/l					6	0	100		
Metals											
Dissolved Aluminum	100.00	µg/l					6	6	0		
Total Aluminum	100.00	µg/l		1000			6	4	33	0	0

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Ballona Creek

Beneficial Uses[j]: MUN, REC1, REC2, WARM, WILD

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Dissolved Antimony	0.50	µg/l					6	1	83		
Total Antimony	0.50	µg/l		6			6	0	100	0	0
Dissolved Arsenic	1.00	µg/l				150	6	3	50	0	0
Total Arsenic	1.00	µg/l	32[a]	50			6	0	100	0	0
Dissolved Barium	10.00	µg/l					6	0	100		
Total Barium	10.00	µg/l		1000			6	0	100	0	0
Dissolved Beryllium	0.50	µg/l					6	6	0		
Total Beryllium	0.50	µg/l		4			6	6	0	0	0
Dissolved Boron	100.00	µg/l					6	1	83		
Total Boron	100.00	µg/l					6	0	100		
Dissolved Cadmium	0.25	µg/l				2.2	6	6	0	0	0
Total Cadmium	0.25	µg/l	4[a]	5			6	6	0	0	0
Dissolved Chromium	0.50	µg/l				180	6	2	67	0	0
Total Chromium	0.50	µg/l		50			6	1	83	0	0
Dissolved Chromium +6	5.00	µg/l				11	6	6	0	0	0
Total Chromium +6	5.00	µg/l	8[a]				6	6	0	0	0
Dissolved Copper	0.50	µg/l				9	6	0	100	3	50
Total Copper	0.50	µg/l	12[a]				6	0	100	5	83.33
Dissolved Iron	100.00	µg/l					6	1	83		
Total Iron	100.00	µg/l					6	0	100		
Dissolved Lead	0.50	µg/l				2.5	6	2	67	0	0
Total Lead	0.50	µg/l	8[a]				6	1	83	0	0
Dissolved Manganese	100.00	µg/l					6	3	50		
Total Manganese	100.00	µg/l					6	2	67		
Dissolved Mercury	0.50	µg/l					6	6	0		
Total Mercury	0.50	µg/l	0.16[a]	2			6	6	0	0	0
Dissolved Nickel	1.00	µg/l				52	6	0	100	0	0
Nickel	1.00	µg/l	20[a]	100			6	0	100	0	0
Dissolved Selenium	1.00	µg/l				5[e]	6	6	0	0	0
Total Selenium	1.00	µg/l	60[a]	50			6	6	0	0	0
Dissolved Silver	0.25	µg/l				3.4[f]	6	6	0	0	0
Total Silver	0.25	µg/l	2.8[a]				6	6	0	0	0
Dissolved Thallium	1.00	µg/l					6	6	0		
Total Thallium	1.00	µg/l		2			6	6	0	0	0
Dissolved Zinc	1.00	µg/l				120	6	1	83	0	0
Total Zinc	1.00	µg/l	80[a]				6	0	100	0	0
SVOCs											
Bis(2-ethylhexyl)phthalate	5.00	µg/l	3.5[b]				0	0	0		
PAHs	0.05 - 5.0		0.0088[c]								
Acenaphthene		µg/l					0	0	0		
Acenaphthylene		µg/l					0	0	0		
Antracene		µg/l					0	0	0		
Benzo(a)anthracene		µg/l					0	0	0		
Benzo(a)pyrene		µg/l		2			0	0	0		
Benzo(b)fluoranthene		µg/l					0	0	0		
Benzo(k)fluoranthene		µg/l					0	0	0		
Chrysene		µg/l					0	0	0		
Dibenz(a,h)anthracene		µg/l					0	0	0		
Fluoranthene		µg/l	15[b]				0	0	0		
Fluorene		µg/l					0	0	0		
Indeno (1,2,3-cd)pyrene		µg/l					0	0	0		
Naphthalene		µg/l					0	0	0		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Ballona Creek

Beneficial Uses[j]: MUN, REC1, REC2, WARM, WILD

Class Constituent	ML[g]	Units	Guidelines and Standards				Mass Emission				
			Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Phenanthrene		µg/l					0	0	0		
Pyrene		µg/l					0	0	0		
All other SVOCs	.05-5	µg/l					0	0	0		
Pesticides											
Organochlorine Pesticides & PCBs	0.005-0.5	µg/l		0.00007		0.014	0	0	0		
Carbofuran	5.00	µg/l		18			0	0	0		
Glyphosate	5.00	µg/l		700			0	0	0		
Organo-Phosphate Pesticides											
Diazinon	0.01	µg/l					6	3	50		
Chlorpyrifos	0.05	µg/l					6	6	0		
N- and P-Containing Pesticides											
Thiobencarb		µg/l					6	6	0		
All other N- and P- Pesticides	1.0-2.0	µg/l					0	0	0		
Phenoxyacetic Acid Herbicides											
2,4-D	0.02	µg/l		70			0	0	0		
2,4,5-TP	0.20	µg/l		50			0	0	0		
Bentazon	2.00	µg/l		18			0	0	0		

a) Criteria based on daily maximum
b) Criteria based on 30-day average
c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.
d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.
e) Criterion expressed in the total recoverable form.
f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.
g) ML = Minimum Level
h) Non-detect refers to a lab result value that is below the minimum level.
i) This constituent is a function of the parameter(s) in parentheses.
j) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, GWR - Ground Water Recharge, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, WET - Wetland Habitat
k) The average temperature was used when temperature information was not available.
l) The fecal coliform density standard is based on a minimum of not less than five samples for any 30-day period, where not more than 10 percent of the total samples exceed this objective during any 60-day period.

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Malibu Creek

Beneficial Uses[j]: MUN, REC1, REC2, WARM, COLD, WILD, RARE, MIGR, SPWN, WET

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Miscellaneous Constituents											
Cyanide	0.01	mg/l	0.004[a]	0.2		0.0052	4	3	25	1	25
TPH	5.00	mg/l					4	4	0		
Oil and Grease	5.00	mg/l	75[a]				4	0	100	0	0
Total Phenols	0.10	mg/l					4	4	0		
Indicator Bacteria											
Total Coliform	20.00	MPN/100ml	10,000		10,000 (Instantaneous)		4	0	100	2	50
Fecal Coliform	20.00	MPN/100ml	400[l]	200	400 (Instantaneous)		4	0	100	2	50
Ratio Fecal Coliform/Total Coliform					Total coliform density 1,000 if the ratio of fecal-to-total coliform exceeds 0.1		4	0	100	2	50
Fecal Streptococcus	20.00	MPN/100ml					4	0	100		
Fecal Enterococcus		MPN/100ml			104		4	0	100	4	100
General Minerals											
Ammonia	0.10	mg/l	2.4[a]	f(pH, temp)[i,k]			4	0	100	3	75
Calcium	1.00	mg/l					4	0	100		
Magnesium	1.00	mg/l					4	0	100		
Potassium	1.00	mg/l					4	0	100		
Sodium	1.00	mg/l					4	0	100		
Bicarbonate	2.00	mg/l					4	0	100		
Carbonate	2.00	mg/l					4	4	0		
Chloride	2.00	mg/l		500			4	0	100	0	0
Fluoride	0.10	mg/l		f(temp)[i]			4	0	100	0	0
Nitrate	0.10	mg/l					4	0	100		
Sulfate	0.10	mg/l		500			4	0	100	1	25
Alkalinity	2.00	mg/l					4	0	100		
Hardness	2.00	mg/l					4	0	100		
COD	20-900	mg/l					4	0	100		
pH	0-14			<6.5 & >8.5			4	0	100	0	0
Specific Conductance	1.00	umhos/cm					4	0	100		
Total Dissolved Solids	2.00	mg/l		2000			4	0	100	0	0
Turbidity	0.10	NTU	225[a]				4	0	100	0	0
Total Suspended Solids	2.00	mg/l					4	1	75		
Volatile Suspended Solids	2.00	mg/l/hr					4	1	75		
MBAS	0.50	mg/l		0.5			4	1	75	0	0
Total Organic Carbon	1.00	mg/l					4	0	100		
BOD	2.00	mg/l					4	0	100		
Nutrients											
Dissolved Phosphorus	0.05	mg/l					4	0	100		
Total Phosphorus	0.05	mg/l					4	0	100		
NH3-N	0.10	mg/l					4	1	75		
Nitrate-N	0.10	mg/l		10 and also must not exceed 10 when added to Nitrite-N			4	0	100	0	0
Nitrite-N	0.10	mg/l		1 and also must not exceed 10 when added to Nitrate-N			4	3	25	0	0
TKN	0.10	mg/l					4	0	100		
Metals											
Dissolved Aluminum	100.00	µg/l					4	4	0		
Total Aluminum	100.00	µg/l		1000			4	2	50	0	0

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Malibu Creek

Beneficial Uses[j]: MUN, REC1, REC2, WARM, COLD, WILD, RARE, MIGR, SPWN, WET

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Dissolved Antimony	0.50	µg/l					4	2	50		
Total Antimony	0.50	µg/l		6			4	1	75	0	0
Dissolved Arsenic	1.00	µg/l				150	4	2	50	0	0
Total Arsenic	1.00	µg/l	32[a]	50			4	0	100	0	0
Dissolved Barium	10.00	µg/l					4	0	100		
Total Barium	10.00	µg/l		1000			4	0	100	0	0
Dissolved Beryllium	0.50	µg/l					4	4	0		
Total Beryllium	0.50	µg/l		4			4	4	0	0	0
Dissolved Boron	100.00	µg/l					4	0	100		
Total Boron	100.00	µg/l		2000			4	0	100	0	0
Dissolved Cadmium	0.25	µg/l				2.2	4	2	50	0	0
Total Cadmium	0.25	µg/l	4[a]	5			4	1	75	0	0
Dissolved Chromium	0.50	µg/l				180	4	1	75	0	0
Total Chromium	0.50	µg/l		50			4	0	100	0	0
Dissolved Chromium +6	5.00	µg/l				11	4	4	0	0	0
Total Chromium +6	5.00	µg/l	8[a]				4	4	0	0	0
Dissolved Copper	0.50	µg/l				9	4	0	100	0	0
Total Copper	0.50	µg/l	12[a]				4	0	100	2	50
Dissolved Iron	100.00	µg/l					4	3	25		
Total Iron	100.00	µg/l					4	0	100		
Dissolved Lead	0.50	µg/l				2.5	4	3	25	0	0
Total Lead	0.50	µg/l	8[a]				4	0	100	0	0
Dissolved Manganese	100.00	µg/l					4	4	0		
Total Manganese	100.00	µg/l					4	2	50		
Dissolved Mercury	0.50	µg/l					4	4	0		
Total Mercury	0.50	µg/l	0.16[a]	2			4	4	0	0	0
Dissolved Nickel	1.00	µg/l				52	4	0	100	0	0
Nickel	1.00	µg/l	20[a]	100			4	0	100	0	0
Dissolved Selenium	1.00	µg/l				5[e]	4	0	100	2	50
Total Selenium	1.00	µg/l	60[a]	50			4	0	100	0	0
Dissolved Silver	0.25	µg/l				3.4[f]	4	4	0	0	0
Total Silver	0.25	µg/l	2.8[a]				4	4	0	0	0
Dissolved Thallium	1.00	µg/l					4	4	0		
Total Thallium	1.00	µg/l		2			4	4	0	0	0
Dissolved Zinc	1.00	µg/l				120	4	1	75	0	0
Total Zinc	1.00	µg/l	80[a]				4	0	100	0	0
SVOCs											
Bis(2-ethylhexyl)phthalate	5.00	µg/l	3.5[b]				3	0	100		
PAHs	0.05 - 5.0		0.0088[c]								
Acenaphthene		µg/l					3	1	67		
Acenaphthylene		µg/l					3	3	0		
Antracene		µg/l					3	3	0		
Benzo(a)anthracene		µg/l					3	3	0		
Benzo(a)pyrene		µg/l		2			3	3	0	0	0
Benzo(b)fluoranthene		µg/l					3	1	67		
Benzo(k)fluoranthene		µg/l					3	1	67		
Chrysene		µg/l					3	3	0		
Dibenz(a,h)anthracene		µg/l					3	3	0		
Fluoranthene		µg/l	15[b]				3	1	67	0	0
Fluorene		µg/l					3	3	0		
Indeno (1,2,3-cd)pyrene		µg/l					3	3	0		
Naphthalene		µg/l					3	1	67		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Malibu Creek

Beneficial Uses[j]: MUN, REC1, REC2, WARM, COLD, WILD, RARE, MIGR, SPWN, WET

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Phenanthrene		µg/l					3	3	0		
Pyrene		µg/l					3	3	0		
All other SVOCs	.05-5	µg/l					0	0	0		
Pesticides											
Organochlorine Pesticides & PCBs	0.005-0.5	µg/l		0.00007		0.014	0	0	0		
Carbofuran	5.00	µg/l		18			0	0	0		
Glyphosate	5.00	µg/l		700			0	0	0		
Organo-Phosphate Pesticides											
Diazinon	0.01	µg/l					4	4	0		
Chlorpyrifos	0.05	µg/l					4	4	0		
N- and P-Containing Pesticides											
Thiobencarb		µg/l					4	4	0		
All other N- and P- Pesticides	1.0-2.0	µg/l					0	0	0		
Phenoxyacetic Acid Herbicides											
2,4-D	0.02	µg/l		70			0	0	0		
2,4,5-TP	0.20	µg/l		50			0	0	0		
Bentazon	2.00	µg/l		18			0	0	0		

a) Criteria based on daily maximum
b) Criteria based on 30-day average
c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.
d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.
e) Criterion expressed in the total recoverable form.
f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.
g) ML = Minimum Level
h) Non-detect refers to a lab result value that is below the minimum level.
i) This constituent is a function of the parameter(s) in parentheses.
j) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, GWR - Ground Water Recharge, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, WET - Wetland Habitat
k) The average temperature was used when temperature information was not available.
l) The fecal coliform density standard is based on a minimum of not less than five samples for any 30-day period, where not more than 10 percent of the total samples exceed this objective during any 60-day period.

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Los Angeles River

Beneficial Uses[j]: MUN, IND, GWR, REC1, REC2, WARM, WILD, WET

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Miscellaneous Constituents											
Cyanide	0.01	mg/l	0.004[a]	0.2		0.0052	4	2	50	2	50
TPH	5.00	mg/l					4	1	75		
Oil and Grease	5.00	mg/l	75[a]				4	0	100	0	0
Total Phenols	0.10	mg/l					4	4	0	0	0
Indicator Bacteria											
Total Coliform	20.00	MPN/100ml	10,000		10,000 (Instantaneous)		4	0	100	4	100
Fecal Coliform	20.00	MPN/100ml	400[l]	200	400 (Instantaneous)		4	0	100	4	100
Ratio Fecal Coliform/Total Coliform					Total coliform density 1,000 if the ratio of fecal-to-total coliform exceeds 0.1		4	0	100	2	50
Fecal Streptococcus	20.00	MPN/100ml					4	0	100		
Fecal Enterococcus		MPN/100ml			104		4	0	100	4	100
General Minerals											
Ammonia	0.10	mg/l	2.4[a]	f(pH, temp)[i,k]			5	0	100	5	100
Calcium	1.00	mg/l					5	0	100		
Magnesium	1.00	mg/l					5	0	100		
Potassium	1.00	mg/l					5	0	100		
Sodium	1.00	mg/l					5	0	100		
Bicarbonate	2.00	mg/l					5	0	100		
Carbonate	2.00	mg/l					5	5	0		
Chloride	2.00	mg/l		150			5	0	100	0	0
Fluoride	0.10	mg/l		f(temp)[i]			5	0	100	0	0
Nitrate	0.10	mg/l					5	0	100		
Sulfate	0.10	mg/l		350			5	0	100	0	0
Alkalinity	2.00	mg/l					5	0	100		
Hardness	2.00	mg/l					5	0	100		
COD	20-900	mg/l					5	0	100		
pH	0-14			<6.5 & >8.5			5	0	100	0	0
Specific Conductance	1.00	umhos/cm					5	0	100		
Total Dissolved Solids	2.00	mg/l		1500			5	0	100	0	0
Turbidity	0.10	NTU	225[a]				5	0	100	1	20
Total Suspended Solids	2.00	mg/l					5	0	100		
Volatile Suspended Solids	2.00	mg/l/hr					5	0	100		
MBAS	0.50	mg/l		0.5			5	0	100	0	0
Total Organic Carbon	1.00	mg/l					5	0	100		
BOD	2.00	mg/l					5	0	100		
Nutrients											
Dissolved Phosphorus	0.05	mg/l					5	0	100		
Total Phosphorus	0.05	mg/l					5	0	100		
NH3-N	0.10	mg/l					5	0	100		
Nitrate-N	0.10	mg/l		10 and also must not exceed 10 when added to Nitrite-N			5	1	80	0	0
Nitrite-N	0.10	mg/l		1 and also must not exceed 10 when added to Nitrate-N			5	0	100	0	0
TKN	0.10	mg/l					5	0	100		
Metals											
Dissolved Aluminum	100.00	µg/l					5	5	0		
Total Aluminum	100.00	µg/l		1000			5	4	20	0	0

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Los Angeles River

Beneficial Uses[j]: MUN, IND, GWR, REC1, REC2, WARM, WILD, WET

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Dissolved Antimony	0.50	µg/l					5	0	100		
Total Antimony	0.50	µg/l		6			5	0	100	0	0
Dissolved Arsenic	1.00	µg/l				150	5	2	60	0	0
Total Arsenic	1.00	µg/l	32[a]	50			5	0	100	0	0
Dissolved Barium	10.00	µg/l					5	0	100		
Total Barium	10.00	µg/l		1000			5	0	100	0	0
Dissolved Beryllium	0.50	µg/l					5	5	0		
Total Beryllium	0.50	µg/l		4			5	5	0	0	0
Dissolved Boron	100.00	µg/l					5	0	100		
Total Boron	100.00	µg/l					5	0	100		
Dissolved Cadmium	0.25	µg/l				2.2	5	5	0	0	0
Total Cadmium	0.25	µg/l	4[a]	5			5	4	20	1	20
Dissolved Chromium	0.50	µg/l				180	5	1	80	0	0
Total Chromium	0.50	µg/l		50			5	1	80	0	0
Dissolved Chromium +6	5.00	µg/l				11	5	5	0	0	0
Total Chromium +6	5.00	µg/l	8[a]				5	5	0	0	0
Dissolved Copper	0.50	µg/l				9	5	0	100	3	60
Total Copper	0.50	µg/l	12[a]				5	0	100	5	100
Dissolved Iron	100.00	µg/l					5	0	100		
Total Iron	100.00	µg/l					5	0	100		
Dissolved Lead	0.50	µg/l				2.5	5	1	80	2	40
Total Lead	0.50	µg/l	8[a]				5	1	80	0	0
Dissolved Manganese	100.00	µg/l					5	2	60		
Total Manganese	100.00	µg/l					5	2	60		
Dissolved Mercury	0.50	µg/l					5	5	0		
Total Mercury	0.50	µg/l	0.16[a]	2			5	5	0	0	0
Dissolved Nickel	1.00	µg/l				52	5	0	100	0	0
Nickel	1.00	µg/l	20[a]	100			5	0	100	1	20
Dissolved Selenium	1.00	µg/l				5[e]	5	5	0	0	0
Total Selenium	1.00	µg/l	60[a]	50			5	5	0	0	0
Dissolved Silver	0.25	µg/l				3.4[f]	5	5	0	0	0
Total Silver	0.25	µg/l	2.8[a]				5	5	0	0	0
Dissolved Thallium	1.00	µg/l					5	5	0	0	0
Total Thallium	1.00	µg/l		2			5	5	0	0	0
Dissolved Zinc	1.00	µg/l				120	5	0	100	0	0
Total Zinc	1.00	µg/l	80[a]				5	0	100	0	0
SVOCs											
Bis(2-ethylhexyl)phthalate	5.00	µg/l	3.5[b]				0	0	0		
PAHs	0.05 - 5.0		0.0088[c]								
Acenaphthene		µg/l					0	0	0		
Acenaphthylene		µg/l					0	0	0		
Antracene		µg/l					0	0	0		
Benzo(a)anthracene		µg/l					0	0	0		
Benzo(a)pyrene		µg/l		2			0	0	0		
Benzo(b)fluoranthene		µg/l					0	0	0		
Benzo(k)fluoranthene		µg/l					0	0	0		
Chrysene		µg/l					0	0	0		
Dibenz(a,h)anthracene		µg/l					0	0	0		
Fluoranthene		µg/l	15[b]				0	0	0		
Fluorene		µg/l					0	0	0		
Indeno (1,2,3-cd)pyrene		µg/l					0	0	0		
Naphthalene		µg/l					0	0	0		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Los Angeles River Beneficial Uses[j]: MUN, IND, GWR, REC1, REC2, WARM, WILD, WET

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Phenanthrene		µg/l					0	0	0		
Pyrene		µg/l					0	0	0		
All other SVOCs	.05-5	µg/l					0	0	0		
Pesticides											
Organochlorine Pesticides & PCBs	0.005-0.5	µg/l		0.00007		0.014	0	0	0		
Carbofuran	5.00	µg/l		18			0	0	0		
Glyphosate	5.00	µg/l		700			0	0	0		
Organo-Phosphate Pesticides											
Diazinon	0.01	µg/l					5	5	0		
Chlorpyrifos	0.05	µg/l					5	5	0		
N- and P-Containing Pesticides											
Thiobencarb		µg/l					5	5	0		
All other N- and P- Pesticides	1.0-2.0	µg/l					0	0	0		
Phenoxyacetic Acid Herbicides											
2,4-D	0.02	µg/l		70			0	0	0		
2,4,5-TP	0.20	µg/l		50			0	0	0		
Bentazon	2.00	µg/l		18			0	0	0		

a) Criteria based on daily maximum
b) Criteria based on 30-day average
c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.
d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.
e) Criterion expressed in the total recoverable form.
f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.
g) ML = Minimum Level
h) Non-detect refers to a lab result value that is below the minimum level.
i) This constituent is a function of the parameter(s) in parentheses.
j) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, GWR - Ground Water Recharge, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, WET - Wetland Habitat
k) The average temperature was used when temperature information was not available.
l) The fecal coliform density standard is based on a minimum of not less than five samples for any 30-day period, where not more than 10 percent of the total samples exceed this objective during any 60-day period.

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Coyote Creek

Beneficial Uses[j]: MUN, IND, PROC, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Miscellaneous Constituents											
Cyanide	0.01	mg/l	0.004[a]	0.2		0.0052	3	2	33	1	33.33
TPH	5.00	mg/l					3	1	67		
Oil and Grease	5.00	mg/l	75[a]				3	1	67	0	0
Total Phenols	0.10	mg/l					3	3	0		
Indicator Bacteria											
Total Coliform	20.00	MPN/100ml	10,000		10,000 (Instantaneous)		3	0	100	3	100
Fecal Coliform	20.00	MPN/100ml	400[i]	200	400 (Instantaneous)		3	0	100	3	100
Ratio Fecal Coliform/Total Coliform					Total coliform density 1,000 if the ratio of fecal-to-total coliform exceeds 0.1		3	0	100	2	66.67
Fecal Streptococcus	20.00	MPN/100ml					3	0	100		
Fecal Enterococcus		MPN/100ml			104		3	0	100	3	100
General Minerals											
Ammonia	0.10	mg/l	2.4[a]	f(pH, temp)[i,k]			5	0	100	5	100
Calcium	1.00	mg/l					5	0	100		
Magnesium	1.00	mg/l					5	0	100		
Potassium	1.00	mg/l					5	0	100		
Sodium	1.00	mg/l					5	0	100		
Bicarbonate	2.00	mg/l					5	0	100		
Carbonate	2.00	mg/l					5	5	0		
Chloride	2.00	mg/l					5	0	100		
Fluoride	0.10	mg/l		f(temp)[i]			5	0	100	0	0
Nitrate	0.10	mg/l					5	1	80		
Sulfate	0.10	mg/l					5	0	100		
Alkalinity	2.00	mg/l					5	0	100		
Hardness	2.00	mg/l					5	0	100		
COD	20-900	mg/l					5	0	100		
pH	0-14			<6.5 & >8.5			5	0	100	0	0
Specific Conductance	1.00	umhos/cm					5	0	100		
Total Dissolved Solids	2.00	mg/l					5	0	100		
Turbidity	0.10	NTU	225[a]				5	0	100	0	0
Total Suspended Solids	2.00	mg/l					5	0	100		
Volatile Suspended Solids	2.00	mg/l/hr					5	0	100		
MBAS	0.50	mg/l		0.5			5	1	80	0	0
Total Organic Carbon	1.00	mg/l					5	0	100		
BOD	2.00	mg/l					5	0	100		
Nutrients											
Dissolved Phosphorus	0.05	mg/l					5	0	100		
Total Phosphorus	0.05	mg/l					5	0	100		
NH3-N	0.10	mg/l					5	0	100		
Nitrate-N	0.10	mg/l		10 and also must not exceed 10 when added to Nitrite-N			5	1	80	0	0
Nitrite-N	0.10	mg/l		1 and also must not exceed 10 when added to Nitrate-N			5	1	80	0	0
TKN	0.10	mg/l					5	0	100		
Metals											
Dissolved Aluminum	100.00	µg/l					5	4	20		
Total Aluminum	100.00	µg/l		1000			5	3	40	0	0

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Coyote Creek

Beneficial Uses[j]: MUN, IND, PROC, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Dissolved Antimony	0.50	µg/l					5	0	100		
Total Antimony	0.50	µg/l		6			5	0	100	0	0
Dissolved Arsenic	1.00	µg/l				150	5	1	80	0	0
Total Arsenic	1.00	µg/l	32[a]	50			5	0	100	0	0
Dissolved Barium	10.00	µg/l					5	0	100		
Total Barium	10.00	µg/l		1000			5	0	100	0	0
Dissolved Beryllium	0.50	µg/l					5	5	0		
Total Beryllium	0.50	µg/l		4			5	5	0	0	0
Dissolved Boron	100.00	µg/l					5	0	100		
Total Boron	100.00	µg/l					5	0	100		
Dissolved Cadmium	0.25	µg/l				2.2	5	5	0	0	0
Total Cadmium	0.25	µg/l	4[a]	5			5	5	0	0	0
Dissolved Chromium	0.50	µg/l				180	5	0	100	0	0
Total Chromium	0.50	µg/l		50			5	0	100	0	0
Dissolved Chromium +6	5.00	µg/l				11	5	5	0	0	0
Total Chromium +6	5.00	µg/l	8[a]				5	5	0	0	0
Dissolved Copper	0.50	µg/l				9	5	0	100	2	40
Total Copper	0.50	µg/l	12[a]				5	0	100	4	80
Dissolved Iron	100.00	µg/l					5	2	60		
Total Iron	100.00	µg/l					5	0	100		
Dissolved Lead	0.50	µg/l				2.5	5	1	80	0	0
Total Lead	0.50	µg/l	8[a]				5	1	80	0	0
Dissolved Manganese	100.00	µg/l					5	2	60		
Total Manganese	100.00	µg/l					5	2	60		
Dissolved Mercury	0.50	µg/l					5	5	0		
Total Mercury	0.50	µg/l	0.16[a]	2			5	5	0	0	0
Dissolved Nickel	1.00	µg/l				52	5	0	100	0	0
Nickel	1.00	µg/l	20[a]	100			5	0	100	0	0
Dissolved Selenium	1.00	µg/l				5[e]	5	5	0	0	0
Total Selenium	1.00	µg/l	60[a]	50			5	5	0	0	0
Dissolved Silver	0.25	µg/l				3.4[f]	5	5	0	0	0
Total Silver	0.25	µg/l	2.8[a]				5	5	0	0	0
Dissolved Thallium	1.00	µg/l					5	5	0		
Total Thallium	1.00	µg/l		2			5	5	0	0	0
Dissolved Zinc	1.00	µg/l				120	5	0	100	0	0
Total Zinc	1.00	µg/l	80[a]				5	0	100	0	0
SVOCs											
Bis(2-ethylhexyl)phthalate	5.00	µg/l	3.5[b]				0	0	0		
PAHs	0.05 - 5.0		0.0088[c]								
Acenaphthene		µg/l					0	0	0		
Acenaphthylene		µg/l					0	0	0		
Antracene		µg/l					0	0	0		
Benzo(a)anthracene		µg/l					0	0	0		
Benzo(a)pyrene		µg/l		2			0	0	0		
Benzo(b)fluoranthene		µg/l					0	0	0		
Benzo(k)fluoranthene		µg/l					0	0	0		
Chrysene		µg/l					0	0	0		
Dibenz(a,h)anthracene		µg/l					0	0	0		
Fluoranthene		µg/l	15[b]				0	0	0		
Fluorene		µg/l					0	0	0		
Indeno (1,2,3-cd)pyrene		µg/l					0	0	0		
Naphthalene		µg/l					0	0	0		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Coyote Creek

Beneficial Uses[j]: MUN, IND, PROC, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Phenanthrene		µg/l					0	0	0		
Pyrene		µg/l					0	0	0		
All other SVOCs	.05-5	µg/l					0	0	0		
Pesticides											
Organochlorine Pesticides & PCBs	0.005-0.5	µg/l		0.00007		0.014	0	0	0		
Carbofuran	5.00	µg/l		18			0	0	0		
Glyphosate	5.00	µg/l		700			0	0	0		
Organo-Phosphate Pesticides											
Diazinon	0.01	µg/l					4	2	50		
Chlorpyrifos	0.05	µg/l					4	4	0		
N- and P-Containing Pesticides											
Thiobencarb		µg/l					4	4	0		
All other N- and P- Pesticides	1.0-2.0	µg/l					0	0	0		
Phenoxyacetic Acid Herbicides											
2,4-D	0.02	µg/l		70			0	0	0		
2,4,5-TP	0.20	µg/l		50			0	0	0		
Bentazon	2.00	µg/l		18			0	0	0		

a) Criteria based on daily maximum
b) Criteria based on 30-day average
c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.
d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.
e) Criterion expressed in the total recoverable form.
f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.
g) ML = Minimum Level
h) Non-detect refers to a lab result value that is below the minimum level.
i) This constituent is a function of the parameter(s) in parentheses.
j) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, GWR - Ground Water Recharge, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, WET - Wetland Habitat
k) The average temperature was used when temperature information was not available.
l) The fecal coliform density standard is based on a minimum of not less than five samples for any 30-day period, where not more than 10 percent of the total samples exceed this objective during any 60-day period.

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for San Gabriel River

Beneficial Uses[j]: MUN, IND, PROC, GWR, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Miscellaneous Constituents											
Cyanide	0.01	mg/l	0.004[a]	0.2		0.0052	4	3	25	1	25
TPH	5.00	mg/l					4	4	0		
Oil and Grease	5.00	mg/l	75[a]				4	1	75	0	0
Total Phenols	0.10	mg/l					4	4	0		
Indicator Bacteria											
Total Coliform	20.00	MPN/100ml	10,000		10,000 (Instantaneous)		4	0	100	4	100
Fecal Coliform	20.00	MPN/100ml	400[l]	200	400 (Instantaneous)		4	0	100	4	100
Ratio Fecal Coliform/Total Coliform					Total coliform density 1,000 if the ratio of fecal-to-total coliform exceeds 0.1		4	0	100	1	25
Fecal Streptococcus	20.00	MPN/100ml					4	0	100		
Fecal Enterococcus		MPN/100ml			104		4	0	100	4	100
General Minerals											
Ammonia	0.10	mg/l	2.4[a]	f(pH, temp)[i,k]			6	1	83	4	66.67
Calcium	1.00	mg/l					6	0	100		
Magnesium	1.00	mg/l					6	0	100		
Potassium	1.00	mg/l					6	0	100		
Sodium	1.00	mg/l					6	0	100		
Bicarbonate	2.00	mg/l					6	0	100		
Carbonate	2.00	mg/l					6	6	0		
Chloride	2.00	mg/l		150			6	0	100	0	0
Fluoride	0.10	mg/l		f(temp)[i]			6	0	100	0	0
Nitrate	0.10	mg/l					6	0	100		
Sulfate	0.10	mg/l		300			6	0	100	0	0
Alkalinity	2.00	mg/l					6	0	100		
Hardness	2.00	mg/l					6	0	100		
COD	20-900	mg/l					6	0	100		
pH	0-14			<6.5 & >8.5			6	0	100	0	0
Specific Conductance	1.00	umhos/cm					6	0	100		
Total Dissolved Solids	2.00	mg/l		750			6	0	100	0	0
Turbidity	0.10	NTU	225[a]				6	0	100	1	16.67
Total Suspended Solids	2.00	mg/l					6	0	100		
Volatile Suspended Solids	2.00	mg/l/hr					6	0	100		
MBAS	0.50	mg/l		0.5			6	2	67	0	0
Total Organic Carbon	1.00	mg/l					6	0	100		
BOD	2.00	mg/l					6	0	100		
Nutrients											
Dissolved Phosphorus	0.05	mg/l					6	0	100		
Total Phosphorus	0.05	mg/l					6	0	100		
NH3-N	0.10	mg/l					6	1	83		
Nitrate-N	0.10	mg/l		10 and also must not exceed 10 when added to Nitrite-N			6	0	100	0	0
Nitrite-N	0.10	mg/l		1 and also must not exceed 10 when added to Nitrate-N			6	1	83	0	0
TKN	0.10	mg/l					6	0	100		
Metals											
Dissolved Aluminum	100.00	µg/l					6	5	17	0	0
Total Aluminum	100.00	µg/l		1000			6	3	50		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for San Gabriel River

Beneficial Uses[j]: MUN, IND, PROC, GWR, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Dissolved Antimony	0.50	µg/l					6	1	83		
Total Antimony	0.50	µg/l		6			6	1	83	0	0
Dissolved Arsenic	1.00	µg/l				150	6	2	67	0	0
Total Arsenic	1.00	µg/l	32[a]	50			6	0	100	0	0
Dissolved Barium	10.00	µg/l					6	0	100	0	0
Total Barium	10.00	µg/l		1000			6	0	100	0	0
Dissolved Beryllium	0.50	µg/l					6	6	0		
Total Beryllium	0.50	µg/l		4			6	6	0		
Dissolved Boron	100.00	µg/l					6	0	100		
Total Boron	100.00	µg/l		1000			6	0	100	0	0
Dissolved Cadmium	0.25	µg/l				2.2	6	6	0	0	0
Total Cadmium	0.25	µg/l	4[a]	5			6	6	0	0	0
Dissolved Chromium	0.50	µg/l				180	6	1	83	0	0
Total Chromium	0.50	µg/l		50			6	0	100	0	0
Dissolved Chromium +6	5.00	µg/l				11	6	6	0	0	0
Total Chromium +6	5.00	µg/l	8[a]				6	6	0	0	0
Dissolved Copper	0.50	µg/l				9	6	0	100	1	16.67
Total Copper	0.50	µg/l	12[a]				6	0	100	4	66.67
Dissolved Iron	100.00	µg/l					6	4	33		
Total Iron	100.00	µg/l					6	0	100		
Dissolved Lead	0.50	µg/l				2.5	6	4	33	1	16.67
Total Lead	0.50	µg/l	8[a]				6	1	83	0	0
Dissolved Manganese	100.00	µg/l					6	6	0		
Total Manganese	100.00	µg/l					6	3	50		
Dissolved Mercury	0.50	µg/l					6	6	0		
Total Mercury	0.50	µg/l	0.16[a]	2			6	6	0	0	0
Dissolved Nickel	1.00	µg/l				52	6	0	100	0	0
Nickel	1.00	µg/l	20[a]	100			6	0	100	0	0
Dissolved Selenium	1.00	µg/l				5[e]	6	4	33	0	0
Total Selenium	1.00	µg/l	60[a]	50			6	3	50	0	0
Dissolved Silver	0.25	µg/l				3.4[f]	6	6	0	0	0
Total Silver	0.25	µg/l	2.8[a]				6	5	17	0	0
Dissolved Thallium	1.00	µg/l					6	6	0		
Total Thallium	1.00	µg/l		2			6	6	0	0	0
Dissolved Zinc	1.00	µg/l				120	6	0	100	0	0
Total Zinc	1.00	µg/l	80[a]				6	0	100	0	0
SVOCs											
Bis(2-ethylhexyl)phthalate	5.00	µg/l	3.5[b]				0	0	0		
PAHs	0.05 - 5.0		0.0088[c]								
Acenaphthene		µg/l					0	0	0		
Acenaphthylene		µg/l					0	0	0		
Antracene		µg/l					0	0	0		
Benzo(a)anthracene		µg/l					0	0	0		
Benzo(a)pyrene		µg/l		2			0	0	0		
Benzo(b)fluoranthene		µg/l					0	0	0		
Benzo(k)fluoranthene		µg/l					0	0	0		
Chrysene		µg/l					0	0	0		
Dibenz(a,h)anthracene		µg/l					0	0	0		
Fluoranthene		µg/l	15[b]				0	0	0		
Fluorene		µg/l					0	0	0		
Indeno (1,2,3-cd)pyrene		µg/l					0	0	0		
Naphthalene		µg/l					0	0	0		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for San Gabriel River Beneficial Uses[j]: MUN, IND, PROC, GWR, REC1, REC2, WARM, WILD, RARE

Class Constituent	ML[g]	Units	Guidelines and Standards				Mass Emission				
			Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Phenanthrene		µg/l					0	0	0		
Pyrene		µg/l					0	0	0		
All other SVOCs	.05-5	µg/l					0	0	0		
Pesticides											
Organochlorine Pesticides & PCBs	0.005-0.5	µg/l		0.00007		0.014	0	0	0		
Carbofuran	5.00	µg/l		18			0	0	0		
Glyphosate	5.00	µg/l		700			0	0	0		
Organo-Phosphate Pesticides											
Diazinon	0.01	µg/l					6	4	33		
Chlorpyrifos	0.05	µg/l					6	6	0		
N- and P-Containing Pesticides											
Thiobencarb		µg/l					6	6	0		
All other N- and P- Pesticides	1.0-2.0	µg/l					0	0	0		
Phenoxyacetic Acid Herbicides											
2,4-D	0.02	µg/l		70			0	0	0		
2,4,5-TP	0.20	µg/l		50			0	0	0		
Bentazon	2.00	µg/l		18			0	0	0		

a) Criteria based on daily maximum
b) Criteria based on 30-day average
c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.
d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.
e) Criterion expressed in the total recoverable form.
f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.
g) ML = Minimum Level
h) Non-detect refers to a lab result value that is below the minimum level.
i) This constituent is a function of the parameter(s) in parentheses.
j) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, GWR - Ground Water Recharge, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, WET - Wetland Habitat
k) The average temperature was used when temperature information was not available.
l) The fecal coliform density standard is based on a minimum of not less than five samples for any 30-day period, where not more than 10 percent of the total samples exceed this objective during any 60-day period.

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Dominguez Channel

Beneficial Uses[j]: MUN, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Miscellaneous Constituents											
Cyanide	0.01	mg/l	0.004[a]	0.2		0.0052	1	1	0	0	
TPH	5.00	mg/l					1	1	0		
Oil and Grease	5.00	mg/l	75[a]				1	0	100	0	
Total Phenols	0.10	mg/l					1	1	0		
Indicator Bacteria											
Total Coliform	20.00	MPN/100ml	10,000		10,000 (Instantaneous)		2	0	100	2	100
Fecal Coliform	20.00	MPN/100ml	400[l]	200	400 (Instantaneous)		2	0	100	2	100
Ratio Fecal Coliform/Total Coliform					Total coliform density 1,000 if the ratio of fecal-to-total coliform exceeds 0.1		2	0	100	0	0
Fecal Streptococcus	20.00	MPN/100ml					2	0	100		
Fecal Enterococcus		MPN/100ml			104		2	0	100	2	100
General Minerals											
Ammonia	0.10	mg/l	2.4[a]	f(pH, temp)[i,k]			1	0	100	1	100
Calcium	1.00	mg/l					1	0	100		
Magnesium	1.00	mg/l					1	0	100		
Potassium	1.00	mg/l					1	0	100		
Sodium	1.00	mg/l					1	0	100		
Bicarbonate	2.00	mg/l					1	0	100		
Carbonate	2.00	mg/l					1	1	0		
Chloride	2.00	mg/l					1	0	100		
Fluoride	0.10	mg/l		f(temp)[i]			1	0	100	0	0
Nitrate	0.10	mg/l					1	0	100		
Sulfate	0.10	mg/l					1	0	100		
Alkalinity	2.00	mg/l					1	0	100		
Hardness	2.00	mg/l					1	0	100		
COD	20-900	mg/l					1	0	100		
pH	0-14			<6.5 & >8.5			1	0	100	0	0
Specific Conductance	1.00	umhos/cm					1	0	100		
Total Dissolved Solids	2.00	mg/l					1	0	100		
Turbidity	0.10	NTU	225[a]				1	0	100	0	0
Total Suspended Solids	2.00	mg/l					1	0	100		
Volatile Suspended Solids	2.00	mg/l/hr					1	0	100		
MBAS	0.50	mg/l		0.5			1	0	100	0	0
Total Organic Carbon	1.00	mg/l					1	0	100		
BOD	2.00	mg/l					1	0	100		
Nutrients											
Dissolved Phosphorus	0.05	mg/l					1	0	100		
Total Phosphorus	0.05	mg/l					1	0	100		
NH3-N	0.10	mg/l					1	0	100		
Nitrate-N	0.10	mg/l		10 and also must not exceed 10 when added to Nitrite-N			1	0	100	0	0
Nitrite-N	0.10	mg/l		1 and also must not exceed 10 when added to Nitrate-N			1	0	100	0	0
TKN	0.10	mg/l					1	0	100		
Metals											
Dissolved Aluminum	100.00	µg/l					1	1	0		
Total Aluminum	100.00	µg/l		1000			1	1	0	0	0

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Dominguez Channel

Beneficial Uses[j]: MUN, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Dissolved Antimony	0.50	µg/l					1	0	100		
Total Antimony	0.50	µg/l		6			1	0	100	0	0
Dissolved Arsenic	1.00	µg/l				150	1	0	100	0	0
Total Arsenic	1.00	µg/l	32[a]	50			1	0	100	0	0
Dissolved Barium	10.00	µg/l					1	0	100		
Total Barium	10.00	µg/l		1000			1	0	100	0	0
Dissolved Beryllium	0.50	µg/l					1	1	0		
Total Beryllium	0.50	µg/l		4			1	1	0	0	0
Dissolved Boron	100.00	µg/l					1	0	100		
Total Boron	100.00	µg/l					1	0	100		
Dissolved Cadmium	0.25	µg/l				2.2	1	1	0	0	0
Total Cadmium	0.25	µg/l	4[a]	5			1	1	0	0	0
Dissolved Chromium	0.50	µg/l				180	1	0	100	0	0
Total Chromium	0.50	µg/l		50			1	0	100	0	0
Dissolved Chromium +6	5.00	µg/l				11	1	1	0	0	0
Total Chromium +6	5.00	µg/l	8[a]				1	1	0	0	0
Dissolved Copper	0.50	µg/l				9	1	0	100	1	100
Total Copper	0.50	µg/l	12[a]				1	0	100	1	100
Dissolved Iron	100.00	µg/l					1	1	0		
Total Iron	100.00	µg/l					1	0	100		
Dissolved Lead	0.50	µg/l				2.5	1	1	0	0	0
Total Lead	0.50	µg/l	8[a]				1	1	0	0	0
Dissolved Manganese	100.00	µg/l					1	1	0		
Total Manganese	100.00	µg/l					1	1	0		
Dissolved Mercury	0.50	µg/l					1	1	0		
Total Mercury	0.50	µg/l	0.16[a]	2			1	1	0	0	0
Dissolved Nickel	1.00	µg/l				52	1	0	100	0	0
Nickel	1.00	µg/l	20[a]	100			1	0	100	0	0
Dissolved Selenium	1.00	µg/l				5[e]	1	1	0	0	0
Total Selenium	1.00	µg/l	60[a]	50			1	1	0	0	0
Dissolved Silver	0.25	µg/l				3.4[f]	1	1	0	0	0
Total Silver	0.25	µg/l	2.8[a]				1	1	0	0	0
Dissolved Thallium	1.00	µg/l					1	1	0		
Total Thallium	1.00	µg/l		2			1	1	0	0	0
Dissolved Zinc	1.00	µg/l				120	1	0	100	0	0
Total Zinc	1.00	µg/l	80[a]				1	0	100	1	100
SVOCs											
Bis(2-ethylhexyl)phthalate	5.00	µg/l	3.5[b]				0	0	0		
PAHs	0.05 - 5.0		0.0088[c]								
Acenaphthene		µg/l					0	0	0		
Acenaphthylene		µg/l					0	0	0		
Antracene		µg/l					0	0	0		
Benzo(a)anthracene		µg/l					0	0	0		
Benzo(a)pyrene		µg/l		2			0	0	0		
Benzo(b)fluoranthene		µg/l					0	0	0		
Benzo(k)fluoranthene		µg/l					0	0	0		
Chrysene		µg/l					0	0	0		
Dibenz(a,h)anthracene		µg/l					0	0	0		
Fluoranthene		µg/l	15[b]				0	0	0		
Fluorene		µg/l					0	0	0		
Indeno (1,2,3-cd)pyrene		µg/l					0	0	0		
Naphthalene		µg/l					0	0	0		

Table 4-4. Comparison of 2001-02 Mass Emission Results with Standards for Dominguez Channel

Beneficial Uses[j]: MUN, REC1, REC2, WARM, WILD, RARE

			Guidelines and Standards				Mass Emission				
Class Constituent	ML[g]	Units	Ocean Plan	Basin Plan	AB 411	California Toxics Rule (freshwater)[d]	No. of Samples	No. of Non-detects[h]	Percent Detects	No. of Exceedances	Percent Exceedances
Phenanthrene		µg/l					0	0	0		
Pyrene		µg/l					0	0	0		
All other SVOCs	.05-5	µg/l					0	0	0		
Pesticides											
Organochlorine Pesticides & PCBs	0.005-0.5	µg/l		0.00007		0.014	0	0	0		
Carbofuran	5.00	µg/l		18			0	0	0		
Glyphosate	5.00	µg/l		700			0	0	0		
Organo-Phosphate Pesticides											
Diazinon	0.01	µg/l					1	0	100		
Chlorpyrifos	0.05	µg/l					1	1	0		
N- and P-Containing Pesticides											
Thiobencarb		µg/l					1	1	0		
All other N- and P- Pesticides	1.0-2.0	µg/l					0	0	0		
Phenoxyacetic Acid Herbicides											
2,4-D	0.02	µg/l		70			0	0	0		
2,4,5-TP	0.20	µg/l		50			0	0	0		
Bentazon	2.00	µg/l		18			0	0	0		

a) Criteria based on daily maximum
b) Criteria based on 30-day average
c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.
d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.
e) Criterion expressed in the total recoverable form.
f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.
g) ML = Minimum Level
h) Non-detect refers to a lab result value that is below the minimum level.
i) This constituent is a function of the parameter(s) in parentheses.
j) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, GWR - Ground Water Recharge, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, WET - Wetland Habitat
k) The average temperature was used when temperature information was not available.
l) The fecal coliform density standard is based on a minimum of not less than five samples for any 30-day period, where not more than 10 percent of the total samples exceed this objective during any 60-day period.